Abstract

The present invention is directed to a system, as well as to a
method for testing at least one device in a communications
network based on an IP (Internet protocol) standard, in the
loaded state. At the present time, no systems are known which
can be used to test the load state of IP-based networks in a
semi-automated fashion. Such a system (10) includes at least
one programmable control device (20) having an assigned memory
device, in which a plurality of session scripts is able to be
stored, which each contain a predefined test procedure, and at
least one session computer (40, 50, 60) connected to the
control device (20) and having a plurality of mutually
independent connection interfaces (44_1-44_n) for executing at
least one session script. Via each connection interface, an
independent IP connection to the communications network (90)
is able to be established. In addition, each connection
interface (44_1-44_n) has assigned to it a script-processing
device (45_1-45_n), which, in dependence upon a session script
assigned by the control device (20), is able to establish an
IP connection to the device (80, 100) to be tested and
initiate the test procedure.